

# Newark South Well Field Site Investigation

Department of Natural Resources  
and Environmental Control  
Site Investigation and Restoration Section

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# PRESENTATION

- ➡ SITE LOCATION
- ➡ BRIEF HISTORY OF DNREC'S EFFORTS
- ➡ PRELIMINARY ASSESSMENT & RECOMMENDATIONS
- ➡ SITE INVESTIGATION & RECOMMENDATIONS



# SITE LOCATION MAP



## SITE LOCATION

- ❖ Rt. 4 E. (Chestnut Hill Rd.)
- ❖ Rt. 72 (S. Chapel St.)
- ❖ I-95
- ❖ Christina River and Rt. 896 (S. College Ave.)
- ❖ Robscott Manor and the Rail Line





# BRIEF HISTORY OF DNREC'S EFFORTS



## DNREC-SIRS SITES

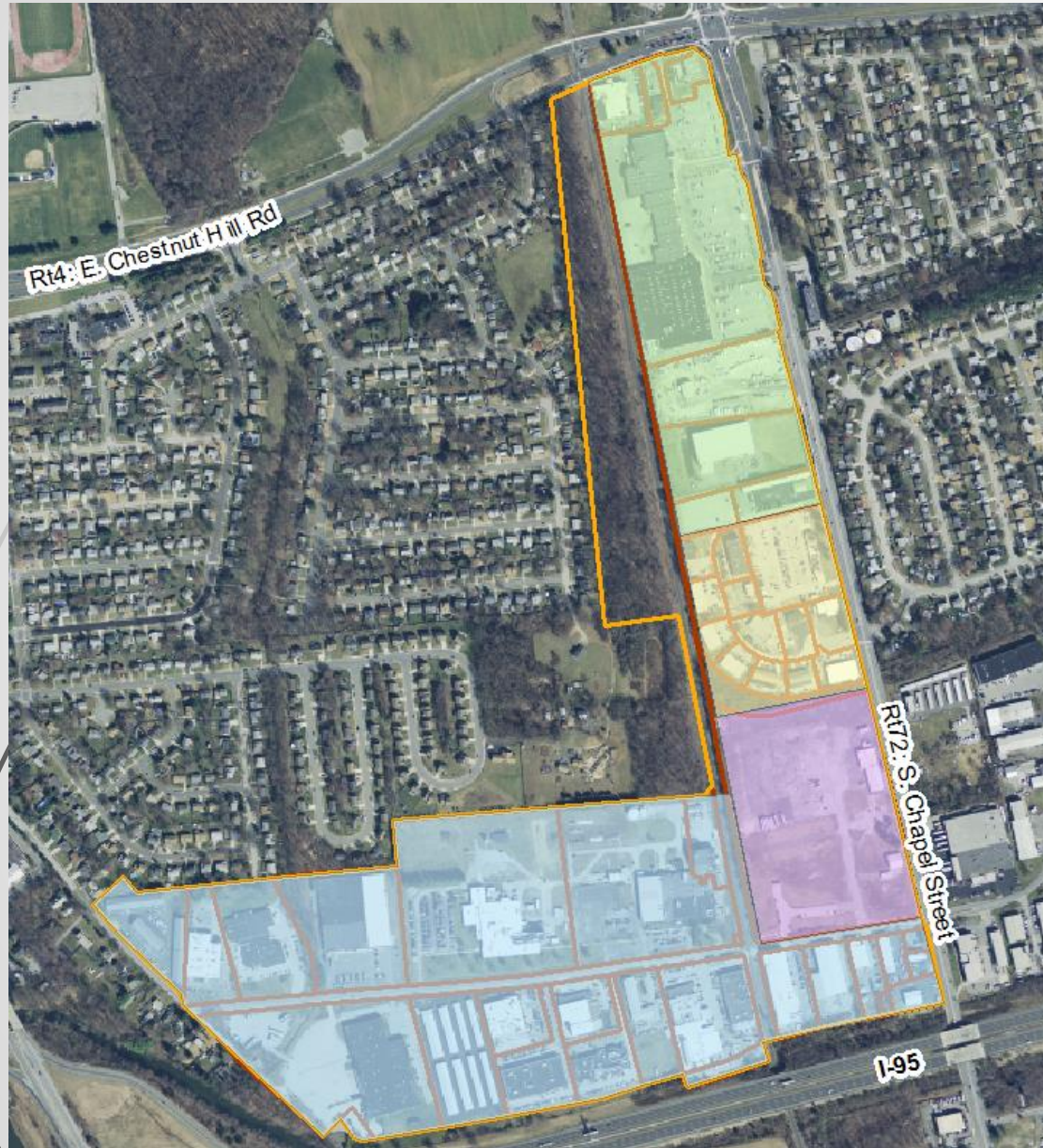
- ❖ DE-0173: Syntech
- ❖ DE-0248: AMP
- ❖ DE-1032: Process Indust.
- ❖ DE-0295: Lilly Fasteners
- ❖ DE-0322: Chrome Deposit
- ❖ DE-1551: Pencader Dry Cleaner
- ❖ DE-1343: Treatment Plant
- ❖ DE-1512: Permafex Rollers



<http://www.nav.dnrec.delaware.gov/DEN3/>



# PRELIMINARY ASSESSMENT



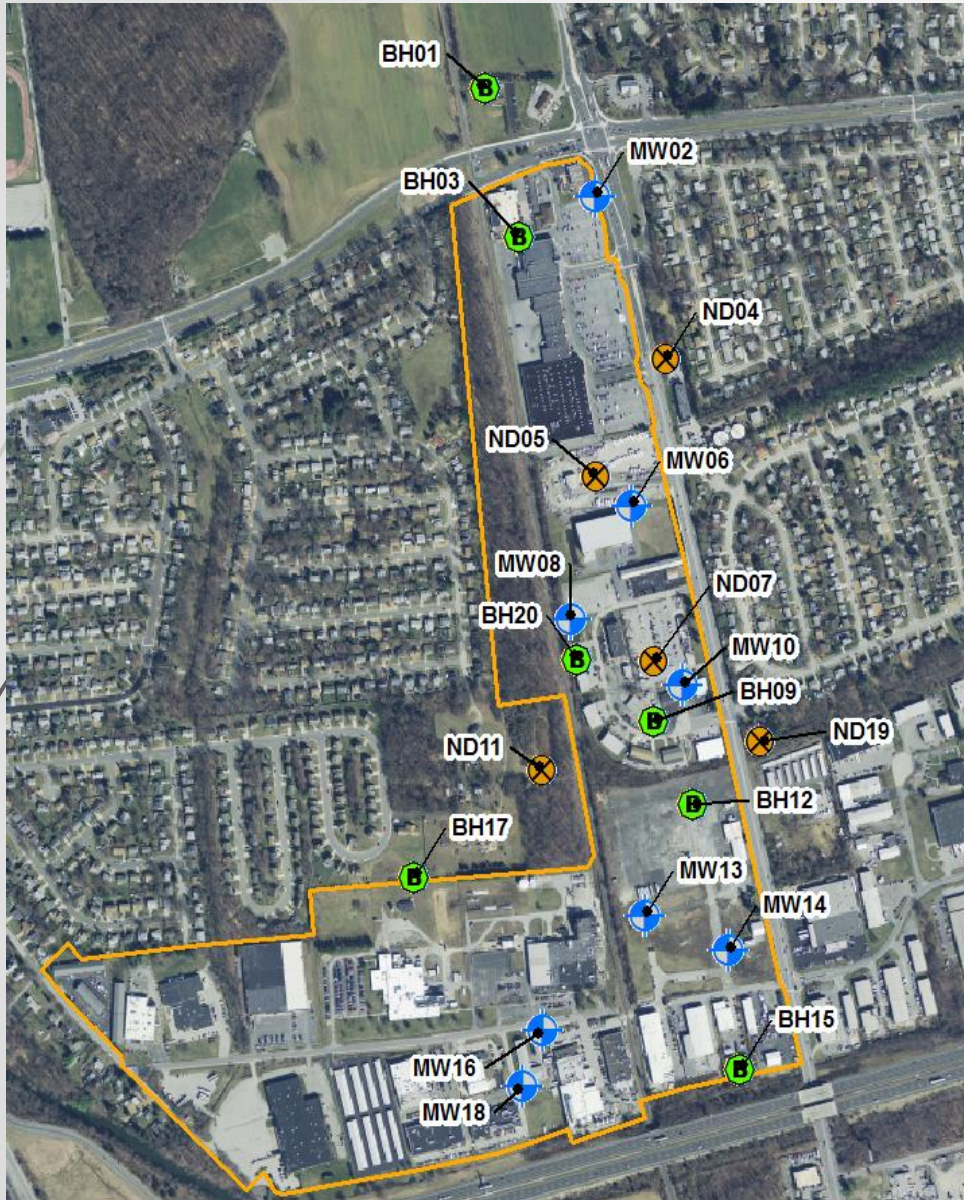
## AREAS OF INVESTIGATION

- ❖ AREA 1: Green
- ❖ AREA 2: Yellow
- ❖ AREA 3: Purple (RODEL)
- ❖ AREAS 4&5: Blue





# SITE INVESTIGATION



## BORING LOCATIONS & MONITOR WELLS

- ❖ BH: Bore Hole Location
- ❖ MW: Monitor Well Location
- ❖ ND: Location Not Drilled





# SITE INVESTIGATION – PCE RESULTS



## PCE EXCEEDANCES GROUNDWATER INVESTIGATION RESULTS

- PCE: Tetrachloroethene (Perc)
- MW: Monitoring Well
- J: Contaminant is present, but below the method detection limit. Quantity may not be accurate; therefore, the result is considered an estimated concentration.
- ppb: parts per billion



## DNREC WEBPAGE FOR MORE INFORMATION:

[http://www.dnrec.delaware.gov/  
dwhs/SIRB/Pages/NEWARK-SOUTH-  
GROUNDWATER-PLUME-SITE.aspx](http://www.dnrec.delaware.gov/dwhs/SIRB/Pages/NEWARK-SOUTH-GROUNDWATER-PLUME-SITE.aspx)





# NEXT

TABLES HAVE BEEN SET UP IN THE LOBBY FOR DNREC, DHSS, EPA AND THE CITY OF NEWARK TO PROVIDE ADDITIONAL INFORMATION AND ANSWER QUESTIONS

- EPA – Superfund Process
  - Proposed Vapor Intrusion Investigation
  - National Priorities List (NPL)
  - Health Concerns
- DHSS – Water Quality Standards and Regulations
- DNREC – Soil and Groundwater Investigations
- CITY OF NEWARK – Water Quality and Treatment



# CITY OF NEWARK DRINKING WATER

(Tom Coleman, Director of Public Works and Water Resources)

- ➡ Newark's drinking water is treated by the city to remove VOCs from the water supply, enabling the water to continue meeting both federal and the more stringent state safe drinking water standards.
- ➡ Newark's water is safe, has been safe and will continue to be safe to drink.